

WHAT IS CLAIMED IS:

1. A music rendering system, comprising:
a music controller for managing at least one music item, the music controller providing a pre-defined interface for connecting a device driver to the music controller during the operation of the music controller; and
at least one device driver that is in communication with the music controller via a pre-defined interface, the device driver receiving and transmitting the music item to a music renderer.
2. The system of Claim 1, wherein the music item is a track of music.
3. The system of Claim 1, wherein the music items is a set of tracks.
4. The system of Claim 1, additionally comprising an electronic music player for managing the music items, the electronic music player displaying a hierarchical graphical library tree that graphically classifies the music items into one or more sets, the electronic music player transmitting a selected set of music items to the music renderer upon a request from a user.
5. The system of Claim 4, wherein the electronic music player is integrated with the music controller.
6. The system of Claim 1, wherein the predefined interface comprises an interface whereby the music controller can request the device driver to provide a description of each of the storage objects that are supported by the device driver.
7. The system of Claim 1, wherein the predefined interface comprises an interface whereby the music controller can request the device driver to provide the storage capacity of the storage devices that are associated with the device driver.
8. The system of Claim 1, wherein the predefined interface comprises an interface for requesting the device driver to reorder one or more music items that reside on the music renderer.
9. The system of Claim 1, wherein the predefined interface comprises an interface for requesting the device driver to provide the number of tracks that are on the music renderer.
10. The system of Claim 1, wherein the predefined interface comprises an interface for storing artwork with respect to a selected track on the music renderer.

11. The system of Claim 1, wherein the predefined interface comprises an interface for storing credits with respect to a selected track on the music renderer.

12. The system of Claim 1, wherein the predefined interface comprises an interface for storing lyrics with respect to a selected track on the music renderer.

5 13. The system of Claim 1, wherein the predefined interface comprises an interface for defining a selected bit-rate with respect the music renderer, the music renderer controller converting any received music items to the selected bit-rate before transmitting the music items to the music renderer via the device driver.

10 14. The system of Claim 1 additionally comprising converting the music item from a first bit rate to a second bit rate.

15. A music management system, comprising:

a plurality of music items;

an output device; and

15 a hierarchical graphical library tree that is displayed on the output device, the hierarchical graphical library tree graphically classifying the music items into one or more sets, the hierarchical graphical library tree having a plurality of nodes, each of the nodes being represented by either a graphical image or text, one or more of the nodes being movable or copyable from a first location in the hierarchical graphical library tree to a second location in the hierarchical graphical library tree.

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16. The music management system of Claim 15, wherein the hierarchical graphical library tree comprises at least a playlist node having one or more children nodes that each are respectively associated with playlists of music items.

25 17. The music management system of Claim 15, wherein the hierarchical graphical library tree comprises at least an artist node having one or more children nodes that are each respectively associated with a selected author

18. The music management system of Claim 15, wherein the hierarchical graphical library tree comprises at least a genre node having one or more children nodes that are each respectively associated with a selected genre.

19. The music management system of Claim 15, wherein the hierarchical graphical library tree comprises at least an album node having one or more children nodes that are each respectively associated with a selected album.

20. A method of manufacturing a system for integrating one or more music renders with an electronic music player, comprising:

providing an electronic music player; and

providing a music renderer controller that has a plurality of pre-defined interfaces for communicating with the music renderers, the pre-defined interfaces including an interface for writing a music item to the music renderers and for retrieving attribute information about the music renderers, the pre-defined interfaces adapted to be dynamically linked with a device driver that is associated with a selected one of the music renderers.

21. The method of Claim 20, wherein the electronic music player and the music renderer controller and integrated together into a single executable object.

22. A method of transmitting a music item from a computer to a music renderer, the method comprising:

executing a program that provides a device integration application programming interface;

dynamically linking a device driver to the program via the device integration application interface; and

requesting, via the device integration application interface, the device driver to store a selected music item on the music renderer.

23. The method of Claim 22, wherein the program is an electronic music player.

24. A system for transmitting a music item from a computer to a music renderer, the system comprising:

means for executing an program that provides a device integration application programming interface;

means for dynamically linking a device driver to the program via the device integration application interface; and

means for requesting, via the device integration application interface, the device driver to store a selected music item on the music renderer.

1. A method for requesting, via the device integration application interface, the device driver to store a selected music item on the music renderer.

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